



Used Oil Processors and Re-Refiners

Hazardous Waste Program technical bulletin

10/2003

Used Oil

Used oil is defined as petroleum-derived and synthetic oils spilled into the environment or used for lubrication or cutting oil, heat transfer, hydraulic power or insulation in dielectric transformers. Oils used as solvents and used ethylene glycol are not defined as used oil.

The Missouri Department of Natural Resources has adopted and amended federal regulations for used oil that provide strong safeguards against potential types of mishandling that may occur. The management standards cover all segments of the used oil recycling system. While generators are the largest segment of this industry, the most stringent standards apply to used oil processors and re-refiners because they handle the largest quantities of used oil. The standards are designed to encourage recycling while protecting human health and the environment.

This technical bulletin describes the management standards for used oil processors and re-refiners under 10 CSR 25-11.279, which became effective on Aug. 28, 1994.

Processors and Re-refiners

Used oil processors and re-refiners are facilities that process used oil. Processing is defined as operations to either produce from used oil, or to make the used oil more amenable for the production of, fuel oils, lubricants or other used oil derived products. Processing includes blending, filtering, distillation, separation and re-refining. Processing does not include incidental processing conducted by transporters or burners, or filtering or cleaning by a generator for on site reuse.

Management Standards

Processors and re-refiners must meet the following standards:

- Obtain a U.S. Environmental Protection Agency (EPA) generator identification number;
- Meet requirements for preparedness and prevention requirements and have a facility contingency plan and emergency procedures;
- Prepare an analysis plan and a schedule for testing used oil for halogen content and fuel specifications;
- Keep storage tanks and containers in good condition and labeled "used oil";
- Keep tanks and containers that are exposed to rain closed, except when adding or removing used oil;
- Process and store used oil in areas with oil-impervious floors;
- Provide secondary containment equal to or greater than 10 percent of the containerized waste volume or the volume of the largest container, whichever is greater;

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- Clean up used oil spills or leaks to the environment;
- Track incoming and outgoing used oil shipments;
- Properly manage used oil processing and re-refining residues;
- Maintain certain operating records and report every two years to the EPA;
- Ensure that the facility is properly closed when operations cease; and
- Other requirements are summarized on the Used Oil Processors and Re-Refiners Inspection Record and Checklist.

Additional Information

Related technical bulletins and inspection checklists can be obtained by contacting the Department of Natural Resources:

- *Used Oil Generators* (pub131)
- *Used Oil Contaminated Waste* (pub153)
- *Used Oil Collection Centers* (pub136)
- *Used Oil Transporters* (pub132)
- *Used Oil Marketers* (pub133)
- *Used Oil Burners* (pub134)

For More Information

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